

# Technology of growing silicon nanotubes

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## Abstract

© 2018 Institute of Physics Publishing. All rights reserved. The paper presents the results of studies on silicon nanotubes production in an arc discharge. The features of the experiments, the description of the experimental setup are given. A description of the obtained nanostructures studied on an electron microscope is presented. It is unequivocal to assert that the obtained silicon nanotubes are single-walled, it is not yet possible. But the fact of obtaining silicon nanotubes is indisputable.

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## Keywords

arc discharge, nanotubes, silicon, vacuum

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